

FIG. 1

| compound | structural formula | molecular weight | efficacy | addition concentration (μ mol/L) |
|----------------|--------------------|------------------|----------------------|---------------------------------------|
| amiodarone | | 681.8 | antiarrhythmic agent | 8.3 |
| amitriptyline | | 313.9 | antidepressant | 25 |
| AY-9944 | | 464.3 | antilipidemic agent | 8.3 |
| chlorcyclizine | | 387.3 | antihistamine | 25 |
| chlorpromazine | | 355.3 | anxiolytic | 8.3 |
| clomipramine | | 351.3 | antidepressant | 8.3 |

FIG. 2

| compound | structural formula | molecular weight | efficacy | addition concentration (μ mol/L) |
|--------------|--------------------|------------------|-------------------|---------------------------------------|
| fluoxetine | | 345.8 | antidepressant | 8.3 |
| imipramine | | 316.9 | antidepressant | 25 |
| perhexiline | | 393.6 | antianginal agent | 8.3 |
| tamoxifen | | 563.7 | antiestrogen | 8.3 |
| thioridazine | | 407 | anxiolytic | 8.3 |
| zimelidine | | 390.2 | antidepressant | 25 |

FIG. 3

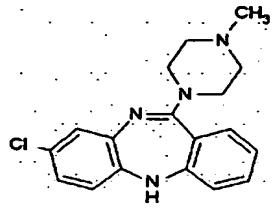
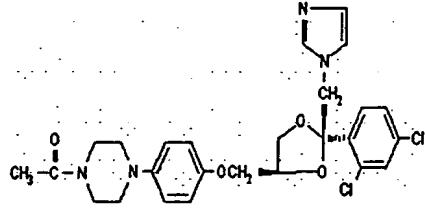
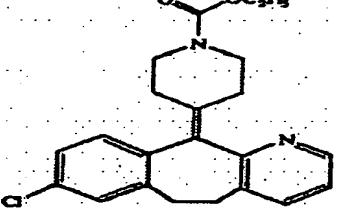
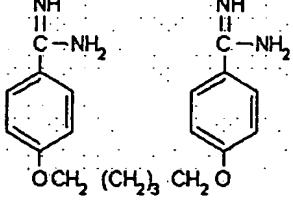
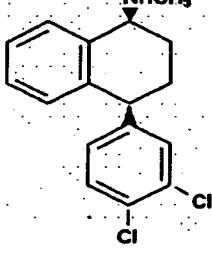
| compound | structural formula | molecular weight | efficacy | addition concentration (μ mol/L) |
|--------------|---|------------------|----------------------|---------------------------------------|
| clozapine |  | 326.8 | antipsychotic | 25 |
| ketoconazole |  | 531.4 | antifungal | 8.3 |
| loratadine |  | 382.89 | antihistamine | 8.3 |
| pentamidine |  | 340.4 | anti-infective agent | 8.3 |
| sertraline |  | 342.7 | antidepressant | 8.3 |

FIG. 4

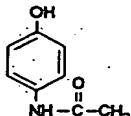
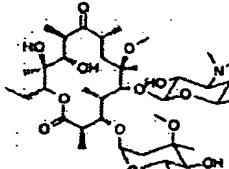
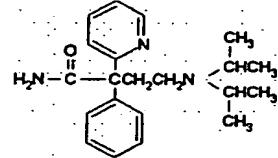
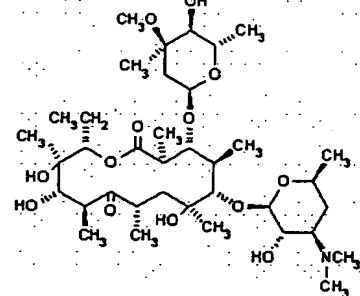
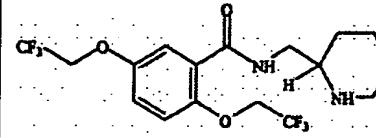
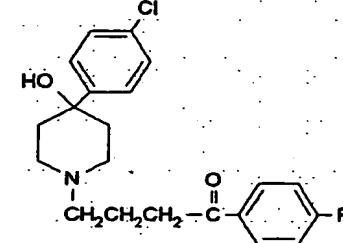
| compound | structural formula | molecular weight | efficacy | addition concentration (μ mol/L) |
|----------------|---|------------------|--------------------------|---------------------------------------|
| acetaminophen |  | 515.9 | analgesic antipyretic | 25 |
| clarithromycin |  | 748 | antibiotic | 25 |
| disopyramide |  | 339.48 | antiarrhythmic agent | 25 |
| erythromycin |  | 733.94 | antibiotic | 25 |
| flecainide |  | 474.4 | antiarrhythmic agent | 25 |
| haloperidol |  | 375.86 | antipsychotic | 8.3 |

FIG. 5

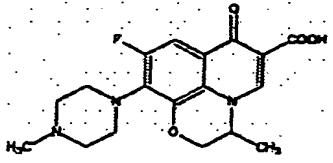
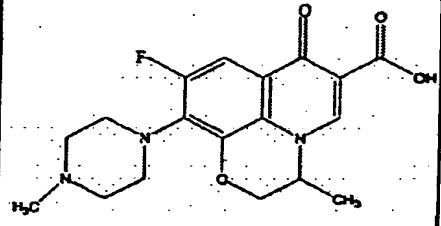
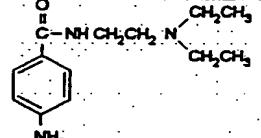
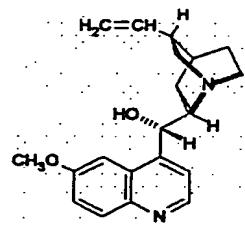
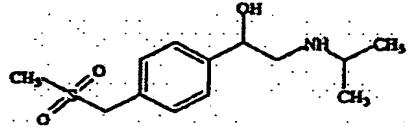
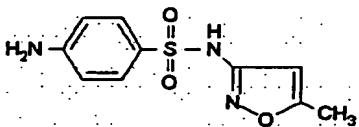
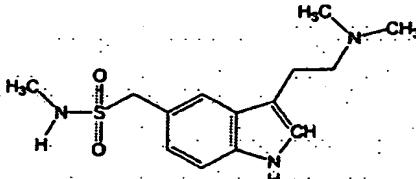
| compound | structural formula | molecular weight | efficacy | addition concentration (μ mol/L) |
|------------------|---|------------------|----------------------|---------------------------------------|
| levofloxacin |  | 370.4 | antibiotic | 25 |
| ofloxacin |  | 361.4 | antibiotic | 25 |
| procainamide |  | 271.8 | antiarrhythmic agent | 25 |
| quinidine |  | 324.42 | antiarrhythmic agent | 25 |
| sotalol |  | 308.8 | antiarrhythmic agent | 25 |
| sulfamethoxazole |  | 253.3 | anti-infective agent | 25 |
| sumatriptan |  | 413.5 | antimigraine agent | 25 |

FIG. 6

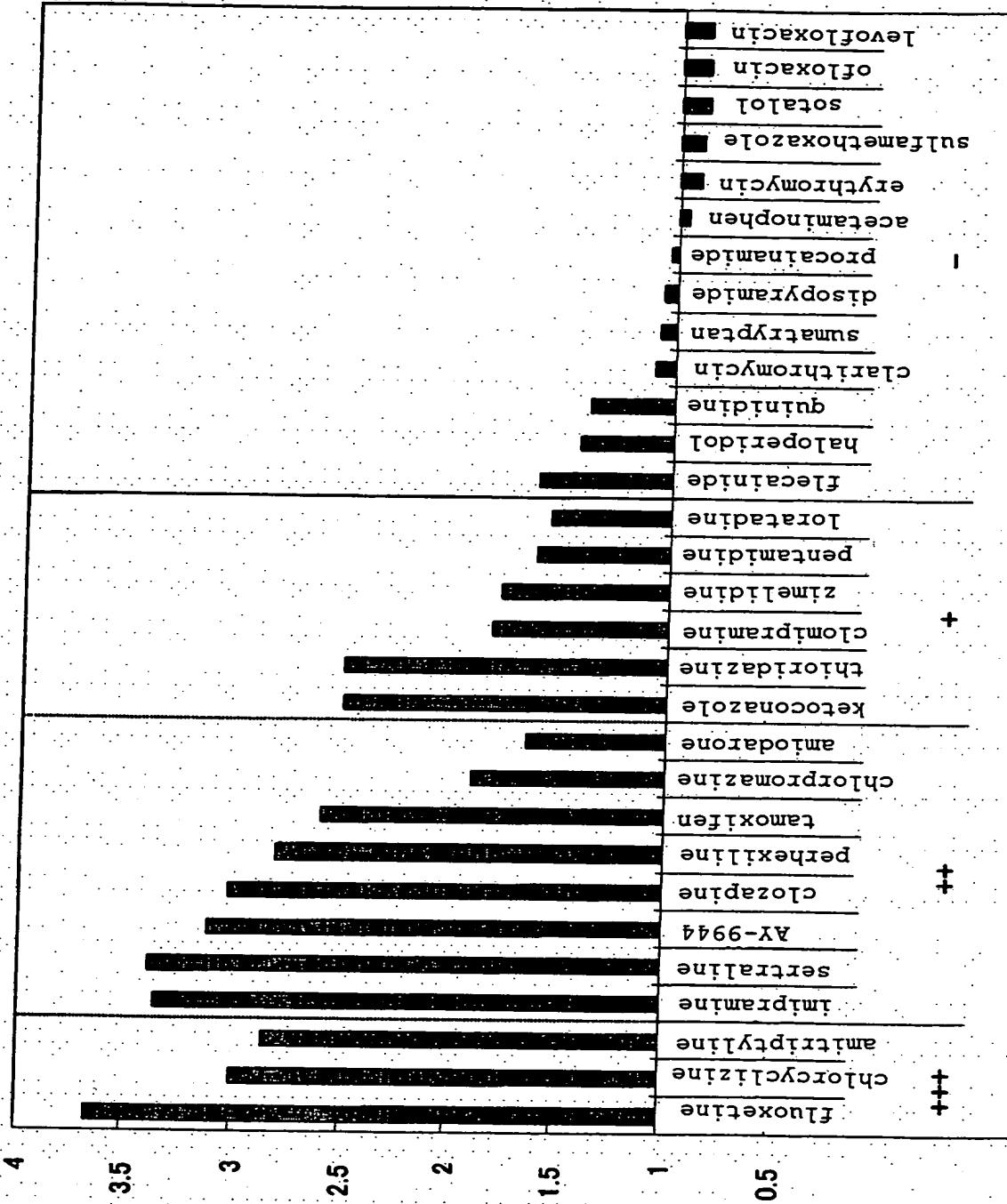


FIG. 7

